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1632

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**TRANSMITTAL  
FORM**

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|                        |                         |
|------------------------|-------------------------|
| Application Number     | 09/943,075.             |
| Filing Date            | August 30, 2001         |
| First Named Inventor   | Steven N. Popoff et al. |
| Art Unit               | 1632                    |
| Examiner Name          | Scott David Priebe      |
| Attorney Docket Number | PFI-015/71369.262       |

Total Number of Pages in This Submission

**ENCLOSURES (Check all that apply)**

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| <input type="checkbox"/> Fee Transmittal Form                                | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance communication to Group                            |
| <input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
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| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information   |
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| <input type="checkbox"/> Response to Missing Parts/Incomplete Application    | <b>Remarks</b>  |  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | - Return Postcard<br>- Amendment Pursuant to 37 C.F.R. Sec. 1.111         |  |

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**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|                         |   |
|-------------------------|---|
| Firm or Individual name | Ann-Louise Kerner, Ph.D., Reg. No. 33,523 |
| Signature               | <i>Ann-Louise Kerner</i>                  |
| Date                    | July 25, 2003                             |

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**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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| Typed or printed name | Sharon R. Matthews        |
| Signature             | <i>Sharon R. Matthews</i> |
| Date                  | 7/25/03                   |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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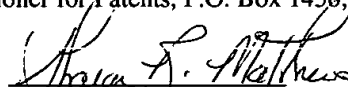
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. 09/943,075 Art Unit: 1632  
Applicant: Steven N. Popoff *et al.* Examiner: Scott David Priebe  
Date Filed: August 30, 2001 Conf. No. 7695  
Docket No. PFI-015/71369.262 Cust. No. 23483  
Title: Osteoactivin Protein and Nucleic Acids Encoding the Same, Compositions  
and Methods of Stimulating Bone Differentiation

**CERTIFICATION UNDER 37 C.F.R. § 1.8(a)**

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Sharon R. Matthews

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P.O. Box 1450  
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**AMENDMENT PURSUANT TO 37 C.F.R. § 1.111**

Sir:

In response to the Office Action of April 25, 2003, please amend the above-identified application as follows:

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**Amendments to the Claims** are reflected in the listing of claims which begins on *page 2* of this paper.

**Remarks/Arguments** begin on *page 5* of this paper.

An **Appendix** including a manuscript referred to in the Remarks section (p. 8), five gene therapy references referred to in the Remarks section (p. 9), and a Declaration under 37 C.F.R. § 1.132 by Dr. Steven Popoff, are attached following *page 12* of this paper.